



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

State of Maine, Maine Military Authority
d/b/a Maine R/S Maintenance Center
Aroostook County
Limestone, Maine
A-844-71-E-R/A

Departmental
Findings of Fact and Order
Air Emission License

After review of the air emissions license renewal and amendment applications, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., §344 and §590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

The State of Maine, Maine Military Authority operates the Maine Readiness Sustainment Maintenance Center (Maine R/S Maintenance Center) in Limestone, Maine and has applied for an air emission license renewal/amendment permitting the operation of the emission sources associated with the vehicle rebuilding facility.

This license includes the renewal, the replacement of a boiler at building 7500 (replacing an 8.0 MMBtu/hr unit with a 3.22 MMBtu/hr unit), a switch from 0.35% sulfur #2 fuel oil to ASTM D396 #2 fuel (0.5% sulfur max.), adding a 260 kW generator to the license, removing degreasers, and a corrections of design capacity and firing rates for an existing unit.

B. Emission Equipment

The following equipment is addressed in this air emission license:

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

Boilers

<u>Equipment</u>	<u>Maximum Input Capacity (MMBtu/hr)</u>	<u>Maximum Firing Rate (gal/hr)</u>	<u>Fuel Type</u>	<u>Stack #</u>
Boiler 7230B	5.67	40.5	#2 oil, ASTM D396	1
Boiler 7500B*	3.22	23	#2 oil, ASTM D396	2
Boiler 7501B1	1.76	12.6	#2 oil, ASTM D396	4
Boiler 7501B2	1.25	8.9	#2 oil, ASTM D396	12
Boiler 8260B	3.71	26.5	#2 oil, ASTM D396	5
Boiler 8712B	6.1	43.5	#2 oil, ASTM D396	7
Boiler 8713B1	3.43	24.5	#2 oil, ASTM D396	8
Boiler 8713B2 ⁺	4.41	31.5	#2 oil, ASTM D396	9
Boiler 8716B ⁺	1.76	12.6	#2 oil, ASTM D396	11

* New replacement unit. Previous unit was 8.0 MMBtu/hr.

⁺ Correction of firing rate and capacity from previous license (Boiler 8713B2 was listed at 22.1 gal/hr and 3.1 MMBtu/hr: Boiler 8716B was listed at 26.5 gal/hr and 3.7 MMBtu/hr).

Back-Up Generator

<u>Equipment</u>	<u>MMBtu/hr</u>	<u>Firing Rate (gal/hr)</u>	<u>Fuel Type, % sulfur</u>
Generator 1	2.2	16	Diesel, 0.05% sulfur

Maine R/S Maintenance Center also has insignificant activities including a waste oil furnace rated at less than 1 MMBtu/hr and parts washers that use propane to heat water.

Process Equipment

<u>Equipment</u>	<u>Production Rate</u>	<u>Pollution Control Equipment</u>
Paint Booth 7500PB1	11 gal/hr coating	Fabric Filters
Paint Booth 7500PB2	11 gal/hr coating	Fabric Filters
Paint Booth 7501PB	5.5 gal/hr coating	Fabric Filters
Blast Booth 7500BB1	9.5 lb/hr media	Multiclones
Blast Booth 7500BB2	9.5 lb/hr media	Multiclones
Paint Gun Cleaners 7500PGC (4 units)	5 gal/month each	N/A
Paint Gun Cleaners 7501PGC (2 units)	5 gal/month each	N/A

Note: Previous degreasing units were replaced with aqueous parts washers.

C. Application Classification

The modification of a minor source is considered a major modification based on whether or not expected emission increases exceed the "Significant Emission Levels" as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). The emission increases are determined by subtracting the current licensed emissions preceding the modification from the maximum future licensed allowed emissions, as follows:

<u>Pollutant</u>	<u>Current License (TPY)</u>	<u>Future License (TPY)</u>	<u>Net Change (TPY)</u>	<u>Sig. Level (TPY)</u>
PM	8.4	8.0	-0.4	100
PM ₁₀	8.4	8.0	-0.4	100
SO ₂	37.0	49.4	+12.4	100
NO _x	42.0	41.6	-0.4	100
CO	3.8	4.0	+0.2	100
VOC	30.2	27.4	-2.8	50

Based on the table above, the license is considered to be a renewal/minor amendment and has been processed through *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 24, 2005).

II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in 06-096 CMR 100. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Boilers

Maine R/S Maintenance Center operates nine #2 oil fired boilers with heat input capacities between 1.76 MMBtu/hr and 5.67 MMBtu/hr. The boilers use propane igniters. Boiler 7500B was an 8.0 MMBtu/hr unit and is being replaced by a 3.22 MMBtu/hr unit.

In order to facilitate recordkeeping and to be consistent with similar units at other facilities, Maine R/S Maintenance Center will fire #2 fuel oil that meets the ASTM D396 certification (maximum sulfur content of 0.5%, rather than the previous 0.35% sulfur license requirement). To be under the modeling cutoffs, the boilers shall be limited to a total of 1,400,000 gallons per year of #2 fuel oil based on a 12 month rolling total. This is a reduction in total gallons from the previous license due to the sulfur content change.

The boilers are not subject to the New Source Performance Standards (NSPS) 40 CFR Part 60, Subpart Dc, *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*, for units greater than 10 MMBtu/hr manufactured after June 9, 1989.

The BACT/BPT emission limits for the boilers were based on the following:

- PM/PM₁₀ – 0.08 lb/MMBtu, based on BACT
- SO₂ –based on firing #2 fuel ASTM D395 (0.5% sulfur); 0.5036 lb/MMBtu
- NO_x – 0.4 lb/MMBtu, based on previous license
- CO – 5 lb/1000 gal, AP-42, Table 1.3-1, dated 9/98
- VOC – 0.34 lb/1000 gal, AP-42, Table 1.3-4, dated 9/98
- Opacity – Visible emissions from each boiler shall not exceed 20% opacity on a 6 minute block average, except for no more than one (1) six (6) minute block average in a 3 hour period.

Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler 7230B (5.67 MMBtu/hr)	0.45	0.45	2.86	2.27	0.20	0.01
Boiler 7500B (3.22 MMBtu/hr)	0.26	0.26	1.62	1.29	0.12	0.008
Boiler 7501B1 (1.76 MMBtu/hr)	0.14	0.14	0.89	0.71	0.06	0.004
Boiler 7501B2 (1.25 MMBtu/hr)	0.10	0.10	0.63	0.50	0.04	0.002
Boiler 8260B (3.71 MMBtu/hr)	0.30	0.30	1.87	1.48	0.13	0.009
Boiler 8712B (6.1 MMBtu/hr)	0.49	0.49	3.07	2.44	0.22	0.01
Boiler 8713B1 (3.43 MMBtu/hr)	0.27	0.27	1.73	1.37	0.12	0.008
Boiler 8713B2 (4.41 MMBtu/hr)	0.35	0.35	2.22	1.76	0.16	0.01
Boiler 8761B (1.76 MMBtu/hr)	0.14	0.14	0.89	0.71	0.06	0.004

Periodic monitoring for the boilers shall include recordkeeping of fuel use both on a monthly and 12 month rolling total basis to document compliance with the 1,400,000 gallon/yr fuel limit. Documentation shall also include the type of fuel used.

C. Back-Up Generator

Maine R/S Maintenance Center has a 1982 Caterpillar 260 kW diesel back-up generator (2.2 MMBtu/hr). The generator shall fire diesel fuel with a sulfur content not to exceed 0.05% sulfur, by weight. The BPT emission limits for the back-up generator are based on the following:

PM/PM₁₀ – 0.31 lb/MMBtu from AP-42 Table 3.3-1 (dated 10/96); 0.68 lb/hr
SO₂ – based on firing 0.05% sulfur; 0.0515 lb/MMBtu; 0.11 lb/hr
NO_x – 4.41 lb/MMBtu, AP-42, Table 3.3-1 (dated 10/96); 9.7 lb/hr
CO – 0.95 lb/MMBtu, AP-42, Table 3.3-1 (dated 10/96); 2.09 lb/hr

VOC – 0.36 lb/MMBtu, AP-42, Table 3.3-1 (dated 10/96); 0.79 lb/hr
Opacity – Visible emissions from the diesel generator shall not exceed 20% opacity on a 6 minute block average, except for no more than two (2) six (6) minute block averages in a 3 hour period.

The back-up generator shall be limited to 500 hours of operation a year, based on a 12 month rolling total. Maine R/S Maintenance Center shall keep records of the generator hours of operations and the sulfur fuel content. The back-up generator is to be operated only for maintenance purposes and for situations arising from sudden and reasonably unforeseeable events beyond the control of the source. The back-up generator is not to be used for prime power when reliable offsite power is available.

D. Surface Preparation - Blast Booths

Maine R/S Maintenance Center operates two blast booths, 7500BB1 and 7500BB2, which are controlled by multiclones.

Visible emissions from each of the blast booth stacks shall not exceed an opacity of 10% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 3-hour period.

Records shall be kept documenting maintenance on the blast booths. Periodic monitoring for the blast booths shall include inspections of the multiclones (at least once a month), and documenting the inspections in a maintenance log. The maintenance log shall contain information on maintenance, multiclone failures, and corrective action.

E. Surface Coating Operations

Maine R/S Maintenance Center operates three paint booths, 7500PB1, 7500PB2, and 7501PB. Two of these paint booths are equipped with small propane burners for heat. The facility is exempt from the requirements of *Surface Coating Facilities*, 06-096 CMR 129 (last amended January 28, 1998) per Section (1)(E)(3).

BPT for the paint booths is the utilization of HVLP (high volume, low pressure) spray guns as well as fabric filters. Maine R/S Maintenance Center shall be limited to 25.0 tons/year of VOC and 9.9 tons/year of total HAPS (hazardous air pollutants) from the surface coating operations, based on a 12 month rolling total. Visible emissions from each of the paint booths stacks shall not exceed an opacity of 10% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 3-hour period.

Records shall be kept documenting maintenance on the paint booths. Periodic monitoring for the paint booths shall include inspections of the fabric filters (at least once a month), and documenting the inspections in a maintenance log. The maintenance log shall contain information on maintenance, fabric filter failures, and corrective action.

Maine R/S Maintenance Center shall maintain records to demonstrate compliance with the VOC and HAP emission limits on a monthly and 12 month rolling total based on purchase records and MSDS (material safety data sheets) for the various materials used in the facility, or other means approved by the Department.

F. Paint Gun Cleaners

Maine R/S Maintenance Center maintains six paint gun cleaners, 7500PGC (4 units) and 7501PGC (2 units).

BPT for the paint gun cleaners is a limit of 2.0 tons/year of VOC based on a 12 month rolling total. Each cleaner shall be equipped with a cover, the covers shall be closed when the units are not in use, the cleaned parts shall be drained for at least fifteen (15) seconds or until the dripping stops, and the cleaners shall not be operated with any visible solvent leak until such leak is repaired.

Recordkeeping for the paint gun cleaners shall include the amount of solvent added to, and waste solvent removed, from each cleaner; and the VOC content of the solvent.

G. Degreaser Units

Maine R/S Maintenance Center operates several degreasers which have been switched to an aqueous solution. The solvent degreasers will be subject to *Solvent Cleaners*, 06-096 CMR 130 (last amended June 28, 2004) if solvents containing greater than 5% VOCs by weight are used in the units.

H. Annual Emissions

Maine R/S Maintenance Center shall be restricted to the following annual emissions on a 12 month rolling total; based on a 1,400,000 gal/year limit of #2 fuel oil, a 500 hour/year limit on the generator, VOC limits on surface coating and paint gun cleaning operations, and a HAP limit on surface coating operations:

Total Licensed Annual Emissions for the Facility
Tons/year

(used to calculate the annual license fee)

	PM	PM₁₀	SO₂	NO_x	CO	VOC	Total HAP
Boilers	7.8	7.8	49.4	39.2	3.5	0.2	-
Generator	0.2	0.2	0.03	2.4	0.5	0.2	
Surface Coating	-	-	-	-	-	25.0	9.9
Paint Gun Cleaners	-	-	-	-	-	2.0	-
Total TPY	8.0	8.0	49.4	41.6	4.0	27.4	9.9

III. AMBIENT AIR QUALITY ANALYSIS

According to 06-096 CMR 115, the level of air quality analyses required for a renewal source shall be determined on a case-by case basis. Modeling and monitoring are not required for a renewal if the total emissions of any pollutant released do not exceed the following:

Pollutant	Tons/Year
PM	25
PM ₁₀	25
SO ₂	50
NO _x	100
CO	250

Based on the total facility licensed emissions, Maine R/S Maintenance Center is below the emissions level required for modeling and monitoring.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-844-71-E-R/A subject to the following conditions.

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 M.R.S.A. §347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [06-096 CMR 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 CMR 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 CMR 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S.A. §353. [06-096 CMR 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 CMR 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 CMR 115]

- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 CMR 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 CMR 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 CMR 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
 - A. perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
 - 1. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
 - 2. pursuant to any other requirement of this license to perform stack testing.
 - B. install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
 - C. submit a written report to the Department within thirty (30) days from date of test completion.[06-096 CMR 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
 - A. within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and

- B. the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
- C. the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.

[06-096 CMR 115]

- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement. [06-096 CMR 115]
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 CMR 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 CMR 115]

SPECIFIC CONDITIONS

(16) Boilers

- A. The boilers shall fire #2 fuel oil that meets the requirements of ASTM D396. Propane may be fired for ignition. [06-096 CMR 115, BPT]

B. Emissions from the Boilers shall not exceed the following:

<u>Unit</u>	<u>PM (lb/MMBtu)</u>
Boiler 7230B	0.08
Boiler 7500B	0.08
Boiler 8260B	0.08
Boiler 8712B	0.08
Boiler 8713B1	0.08
Boiler 87131B2	0.08

<u>Unit</u>	<u>PM (lb/hr)</u>	<u>PM₁₀ (lb/hr)</u>	<u>SO₂ (lb/hr)</u>	<u>NO_x (lb/hr)</u>	<u>CO (lb/hr)</u>	<u>VOC (lb/hr)</u>
Boiler 7230B (5.67 MMBtu/hr)	0.45	0.45	2.86	2.27	0.20	0.01
Boiler 7500B (3.22 MMBtu/hr)	0.26	0.26	1.62	1.29	0.12	0.008
Boiler 7501B1 (1.76 MMBtu/hr)	0.14	0.14	0.89	0.71	0.06	0.004
Boiler 7501B2 (1.25 MMBtu/hr)	0.10	0.10	0.63	0.50	0.04	0.002
Boiler 8260B (3.71 MMBtu/hr)	0.30	0.30	1.87	1.48	0.13	0.009
Boiler 8712B (6.1 MMBtu/hr)	0.49	0.49	3.07	2.44	0.22	0.01
Boiler 8713B1 (3.43 MMBtu/hr)	0.27	0.27	1.73	1.37	0.12	0.008
Boiler 8713B2 (4.41 MMBtu/hr)	0.35	0.35	2.22	1.76	0.16	0.01
Boiler 8761B (1.76 MMBtu/hr)	0.14	0.14	0.89	0.71	0.06	0.004

[06-096 CMR 115, BPT]

- C. Visible emissions from each boiler stack shall not exceed 20% opacity on a 6 minute block average, except for no more than one (1) six (6) minute block average in a 3 hour period. [06-096 CMR 101]
- D. Maine R/S Maintenance Center shall be limited to the use of 1,400,000 gallons/year of ASTM D396 #2 fuel oil, based on a 12 month rolling total. Records shall be kept of fuel use both on a monthly and 12 month rolling total basis, including documentation of the type of fuel used. [06-096 CMR 115, BPT]

(17) **Back-Up Generator (2.2 MMBtu/hr)**

- A. The back-up generator shall be limited to 500 hours per year, based on a 12 month rolling total. An hour meter shall be maintained and operated on the back-up generator. [06-096 CMR 115, BPT]
- B. The back-up generator shall only be operated for maintenance purposes and for situations arising from sudden and reasonably unforeseeable events beyond the control of the source. The back-up generator shall not be used for prime power when reliable offsite power is available. A log shall be maintained documenting the date, time, and reason for operation. [06-096 CMR 115, BPT]
- C. The diesel fuel oil fired in the diesel back-up generator shall not exceed 0.05% sulfur by weight. Compliance shall be based on fuel records from the supplier showing the quantity of fuel delivered and the percent sulfur of the fuel. [06-096 CMR 115, BPT]
- D. The back-up generator shall not exceed the following emission limits:

Unit	PM (lb/hr)	PM ₁₀ (lb/hr)	SO ₂ (lb/hr)	NO _x (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Generator 1 (2.2 MMBtu/hr)	0.68	0.68	0.11	7.9	2.09	0.79

[06-096 CMR 115, BPT]

- E. Visible emissions from the diesel back-up generator shall not exceed 20% opacity on a 6 minute block average, except for no more than two (2) six (6) minute block averages in a 3 hour period. [06-096 CMR 101]

(18) **Surface Preparation - Blast Booths (7500BB1 and 7500BB2)**

- A. Maine R/S Maintenance Center shall operate the dust collection devices (multiclones) for the blast booths at all times the corresponding process equipment is in use. [06-096 CMR 115, BPT]
- B. Visible emissions from each of the blast booth stacks shall not exceed an opacity of 10% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 3-hour period. [06-096 CMR 115, BPT]

- C. Maine R/S Maintenance Center shall inspect the Blast Booth multiclones at least once a month and document the inspections in a maintenance log. The maintenance log shall contain information on maintenance, multiclone failures, and corrective action. [06-096 CMR 115, BPT]

(19) Surface Coating Operations (Paint Booths 7500PB1, 7500PB2, and 7501PB)

- A. Maine R/S Maintenance Center shall use HVLP spray guns and maintain fabric filters on the paint booths. Records shall be kept documenting maintenance on the paint booths. Periodic monitoring for the paint booths shall include inspections of the fabric filters (at least once a month), and documenting the inspections in a maintenance log. The maintenance log shall contain information on maintenance, fabric filter failures, and corrective action. [06-096 CMR 115, BPT]
- B. Maine R/S Maintenance Center shall be limited to 25.0 tons/year of VOC and 9.9 tons/year of total HAPS (hazardous air pollutants) from the surface coating operations, based on a 12 month rolling total. Records shall be maintained to demonstrate compliance with the VOC and HAP emission limits on a monthly and 12 month rolling total based on purchase records and MSDS (material safety data sheets) for the various materials used in the facility, or other means approved by the Department. [06-096 CMR 115, BPT]
- C. Visible emissions from each of the paint booths stacks shall not exceed an opacity of 10% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 3-hour period. [06-096 CMR 115, BPT]

(20) Paint Gun Cleaners (7500PGC (4 units) and 7501PGC (2 units))

- A. Maine R/S Maintenance Center shall be limited to a total of 2.0 tons/year of VOC from the paint gun cleaners, based on a 12 month rolling total. Recordkeeping shall include the amount of solvent added to, and waste solvent removed, from each cleaner; and the VOC content of the solvent. Records shall be kept on a monthly and 12 month rolling total. [06-096 CMR 115, BPT]
- B. Each cleaner shall be equipped with a cover, the covers shall be closed when the units are not in use, the cleaned parts shall be drained for at least fifteen (15) seconds or until the dripping stops, and the cleaners shall not be operated with any visible solvent leak until such leak is repaired. [06-096 CMR 115, BPT]

(21) **Degreaser Units**

The degreaser units at Maine R/S Maintenance Center are subject to 06-096 CMR 130 if solvents containing greater than 5% VOCs by weight are used in the units. [06-096 CMR 130]

(22) **Annual Emission Statement**

In accordance with *Emission Statements*, 06-096 CMR 137 (last amended November 8, 2008), the licensee shall annually report to the Department the information necessary to accurately update the State's emission inventory by means of:

- 1) A computer program and accompanying instructions supplied by the Department; or
- 2) A written emission statement containing the information required in 06-096 CMR 137.

The emission statement must be submitted as specified by the date in 06-096 CMR 137.

- (23) Maine R/S Maintenance Center shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 M.R.S.A. §605).

DONE AND DATED IN AUGUSTA, MAINE THIS 10th DAY OF November, 2009.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:

David P. Littell
DAVID P. LITTELL, COMMISSIONER

The term of this license shall be five (5) years from the signature date above.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: September 21, 2009

Date of application acceptance: September 23, 2009

Date filed with the Board of Environmental Protection:

This Order prepared by Kathleen E. Tarbuck, Bureau of Air Quality.

